

ABSTRACT OF THE DISCLOSURE

A continuous fluid filtration device having filtration cells disposed in a carousel around a rotation axis so as to be able to pivot about a tilt axis including apparatus for discharging the filtrate from the cells with at least one outlet orifice at the bottom of each cell, a central collector and a connection allowing flow of the filtrate between the outlet orifice and the collector, where the connection for each cell includes a flexible conduit in which, in the filtration position of the cell, no area of the flexible conduit is lower than another area of the conduit situated downstream with respect to the flow of the filtrate, the flexible conduit being arranged so as not to undergo any elongation during tilting of the cell.